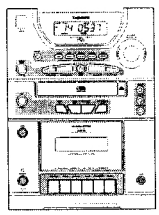
THOMSON CONSUMER ELECTRONICS

NORDMENDE THOMSON TECHNOLOGY | SABA | TELEFUNKEN | THOMSON

AUDIO

# SERVICE MANUAL
# DOCUMENTATION TECHNIQUE
# TECHNISCHE DOKUMENTATION
# DOCUMENTAZIONE TECNICA
# DOCUMENTACION TECNICA

# TELEFUNKEN CS 1000



## Technical data - Caractéristiques principales
## Technische Daten - Dati tecnici - Caracteristicas del aparato

| | | | |
|---|---|---|---|
| **Type of set :**<br>**Type d'appareil :**<br>**Gerateart :**<br>**Tipo d'apparecchio :**<br>**Tipo de aparato :** | Two-in-one horizontale,combination/DAD<br>Ensemble compact stereophonique/DAD<br>DAD-2er Horizontal Kompaktanlage<br>Insieme compatto stereofonico/DAD<br>Equipo compacto esterofónico/DAD | ↔ 225 mm ↕ 315 mm ↙ 262 mm 10 kg | |
| **Power supply :**<br>**Alimentation :**<br>**Stromversorgung :**<br>**Alimentazione :**<br>**Alimentación :** | 230 V ~ | **Nominal output power :**<br>**Puissance nominale de sortie :**<br>**Nennausgangsleistung :**<br>**potenza nominale di uscita :**<br>**Potencia nominal de salida :** | 2 x 5 W |
| **Signal to noise ratio :**<br>**Rapport signal / bruit :**<br>**Geräuschspannungsabstand :**<br>**Rapporto segnale / disturbo :**<br>**Relación señal / ruido :** | 50 dB | **Sensitivity :**<br>**Sensibilité :** **FM -MF :**<br>**Empfindlichkeit :** **MW - PO :**<br>**Sensibilità :** **LW - GO :**<br>**Sensibilidad :** | 4 µV (S/N = 26 dB)<br>600 µV/m (S/N = 20 dB)<br>2000 µV/m (S/N = 20 dB) |
| **Frequency response :**<br>**Courbe de réponse :**<br>**Frequenzgang :**<br>**Curva di risposta :**<br>**Curva de respuesta :** | 125 Hz - 8 kHz<br>(-5 dB) | **Signal to noise ratio :**<br>**Rapport signal / bruit :**<br>**Geräuschspannungsabstand :**<br>**Rapporto segnale / disturbo :**<br>**Relación señal / ruido :** | 30 dB |
| **Wow and fluttter :**<br>**Fluctuations :**<br>**Gleichlauf :**<br>**Fluttuazioni :**<br>**Fluctuaciones :** | 0,5 % | → | 4,76 cm/s |
| | | << ▶▶ >> << ◀◀ >> | C60 : 170 s |
| **Disc rotation speed :**<br>**Vitesse de rotation du disque :**<br>**CD-Drehgeschwindigkeit :**<br>**Velocità di rotazione del disco :**<br>**Velocidad de rotación del disco :** | 200 ➡ 500 tr/m | **Frequency response :**<br>**Courbe de réponse :**<br>**Frequenzgang :**<br>**Curva di risposta :**<br>**Curva de respuesta :** | 100 Hz - 20kHz<br>(-1 dB) |
| **Dynamic range :**<br>**Gamme dynamique :**<br>**Dynamikumfang :**<br>**Dinámica :**<br>**Dinamica :** | 82 dB | **Signal to noise ratio :**<br>**Rapport signal / bruit :**<br>**Geräuschspannungsabstand :**<br>**Rapporto segnale / disturbo :**<br>**Relación señal / ruido :** | 85 dB |

DAD

**WARNING :** *Before servicing this set read the safety recommendations.*
**ATTENTION :** *Avant toute intervention sur cet appareil, lire les recommandations de sécurité.*
**ACHTUNG :** *Vor jedem Eingriff im Gerät, die Sicherheitsvorschriften lesen.*
**ATTENZIONE :** *Prima di intervenire sull'apparecchio, leggere le norme di sicurezza.*
**IMPORTANTE :** *Antes de cualquier intervención, leer las recomendaciones de seguridad.*

**Code : 103.024.90** - 12/94 - CRKD2314

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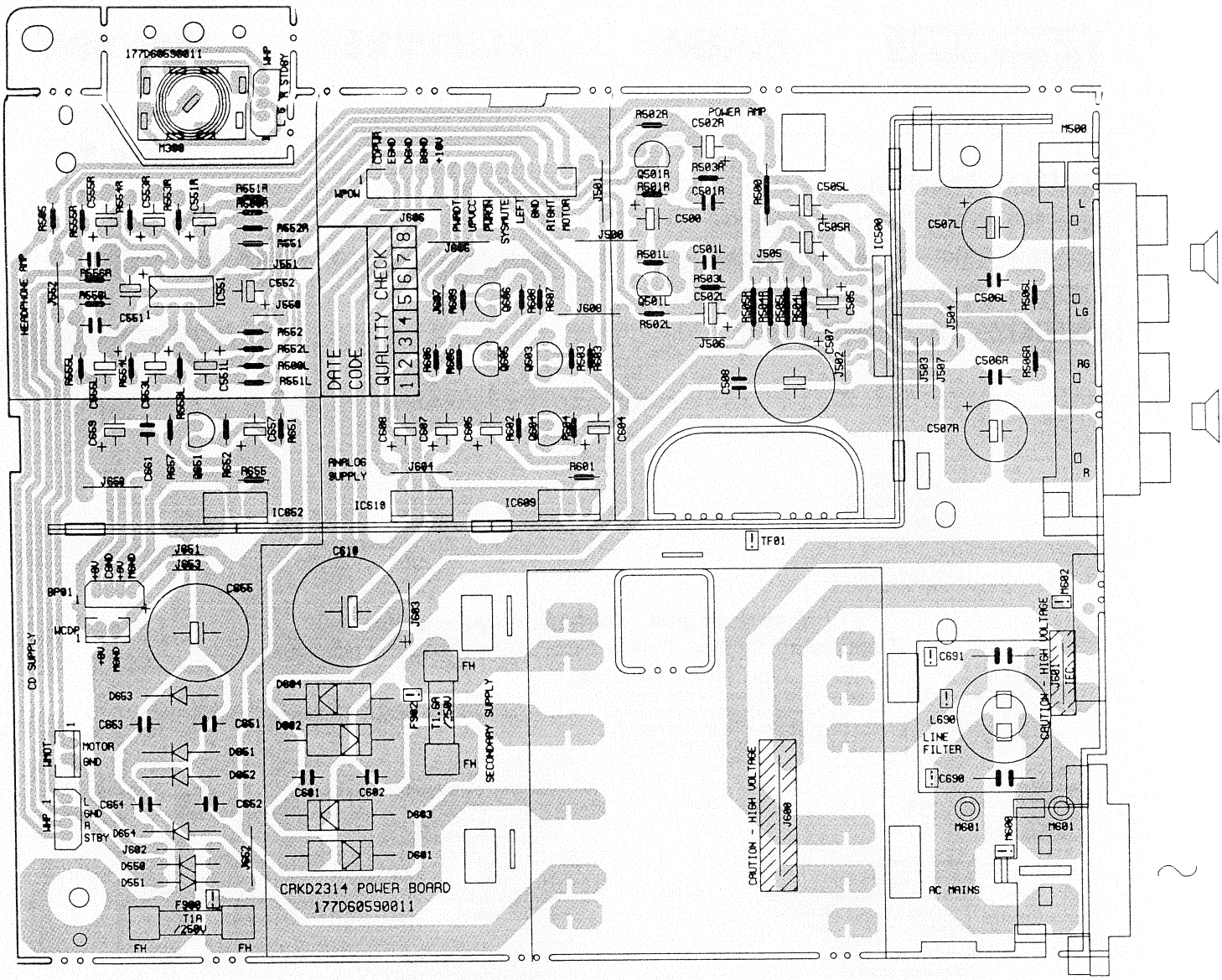
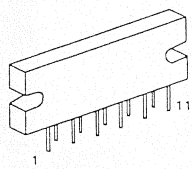



**Power supply / amplifier board**
**Platine alimentation / amplificateur**
**Netzteil- / Verstärkerplatte**
**Piastra alimentazione / amplificatore**
**Platina alimentación / amplificador**

Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes




TDA 7263

BC 548 A
BC 548 B
BC 558 B

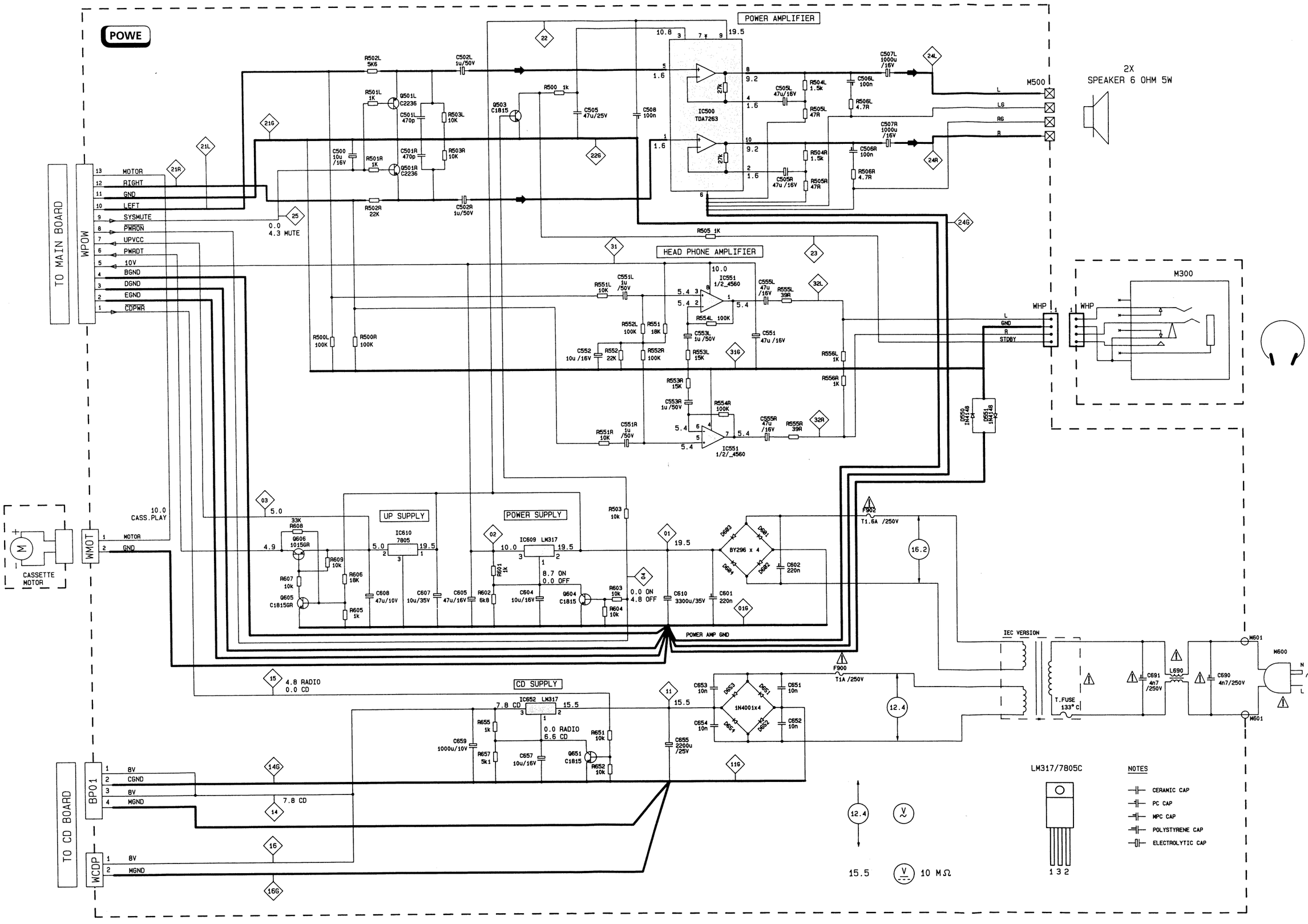
2 SA 1015
2 SC 1815
2 SC 1923

2 SC 2236



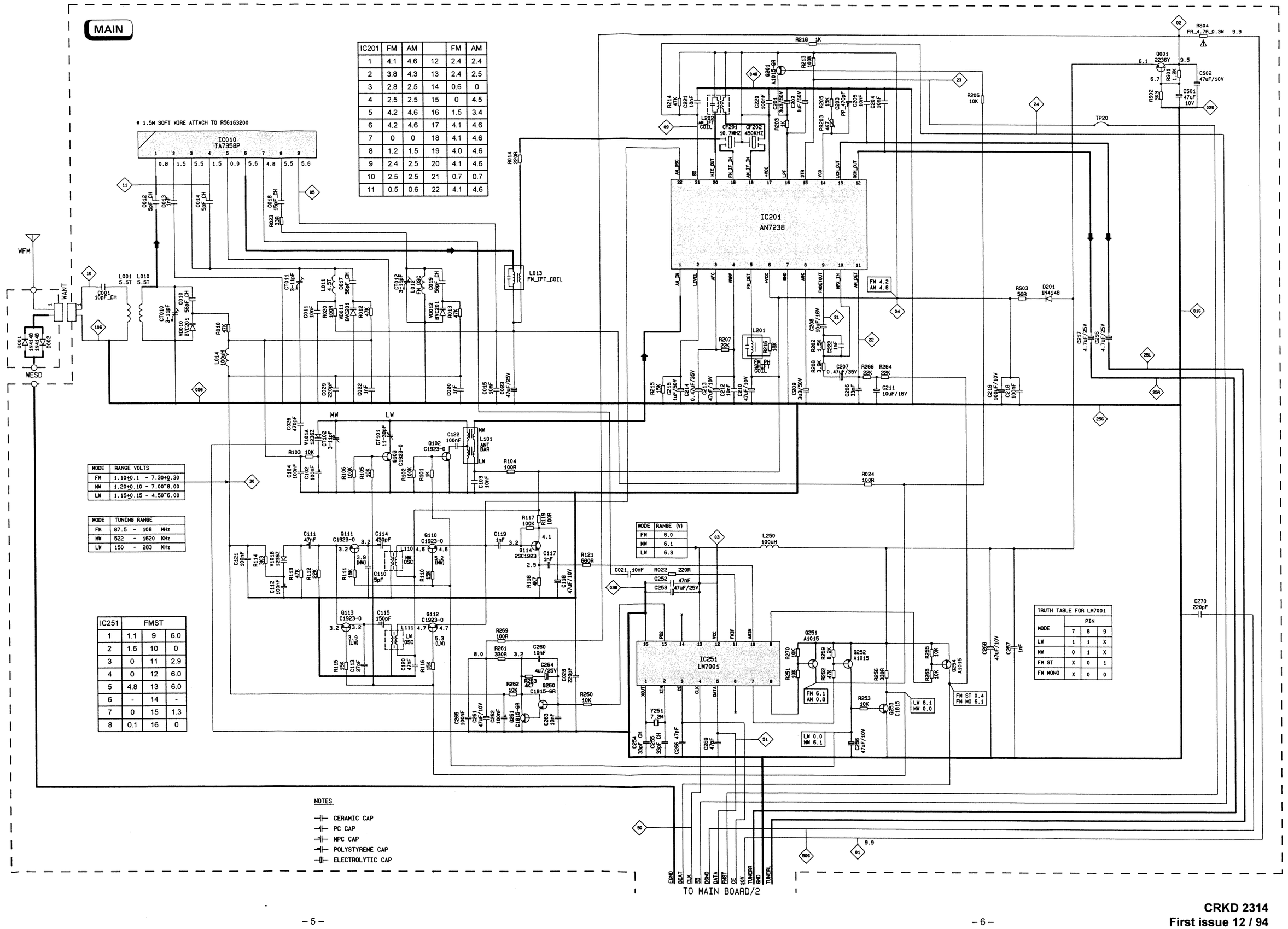
**CRKD 2314**
**First issue 12 / 94**

# Power supply / Amplifier - Alimentation / Amplificateur - Netzteil / Verstärker - Alimentazione / Amplificatore - Alimentación / Amplificador




**CRKD 2314**
**First issue 12 / 94**

# Main schematic diagram - Schéma principal - Hauptleiterplatte Schaltbild - Schema principale - Esquema principal




| IC201 | FM | AM | | FM | AM |
|---|---|---|---|---|---|
| 1 | 4.1 | 4.6 | 12 | 2.4 | 2.4 |
| 2 | 3.8 | 4.3 | 13 | 2.4 | 2.5 |
| 3 | 2.8 | 2.5 | 14 | 0.6 | 0 |
| 4 | 2.5 | 2.5 | 15 | 0 | 4.5 |
| 5 | 4.2 | 4.6 | 16 | 1.5 | 3.4 |
| 6 | 4.2 | 4.6 | 17 | 4.1 | 4.6 |
| 7 | 0 | 0 | 18 | 4.1 | 4.6 |
| 8 | 1.2 | 1.5 | 19 | 4.0 | 4.6 |
| 9 | 2.4 | 2.5 | 20 | 4.1 | 4.6 |
| 10 | 2.5 | 2.5 | 21 | 0.7 | 0.7 |
| 11 | 0.5 | 0.6 | 22 | 4.1 | 4.6 |

| MODE | RANGE VOLTS |
|---|---|
| FM | 1.10±0.1 - 7.30±0.30 |
| MW | 1.20±0.10 - 7.00~8.00 |
| LW | 1.15±0.15 - 4.50~6.00 |

| MODE | TUNING RANGE | |
|---|---|---|
| FM | 87.5 - 108 | MHz |
| MW | 522 - 1620 | KHz |
| LW | 150 - 283 | KHz |

| IC251 | FMST | | |
|---|---|---|---|
| 1 | 1.1 | 9 | 6.0 |
| 2 | 1.6 | 10 | 0 |
| 3 | 0 | 11 | 2.9 |
| 4 | 0 | 12 | 6.0 |
| 5 | 4.8 | 13 | 6.0 |
| 6 | - | 14 | - |
| 7 | 0 | 15 | 1.3 |
| 8 | 0.1 | 16 | 0 |

| MODE | RANGE (V) |
|---|---|
| FM | 6.0 |
| MW | 6.1 |
| LW | 6.3 |

| TRUTH TABLE FOR LM7001 | | | |
|---|---|---|---|
| MODE | PIN | | |
| | 7 | 8 | 9 |
| LW | 1 | 1 | X |
| MW | 0 | 1 | X |
| FM ST | X | 0 | 1 |
| FM MONO | X | 0 | 0 |





CRKD 2314
First issue 12 / 94

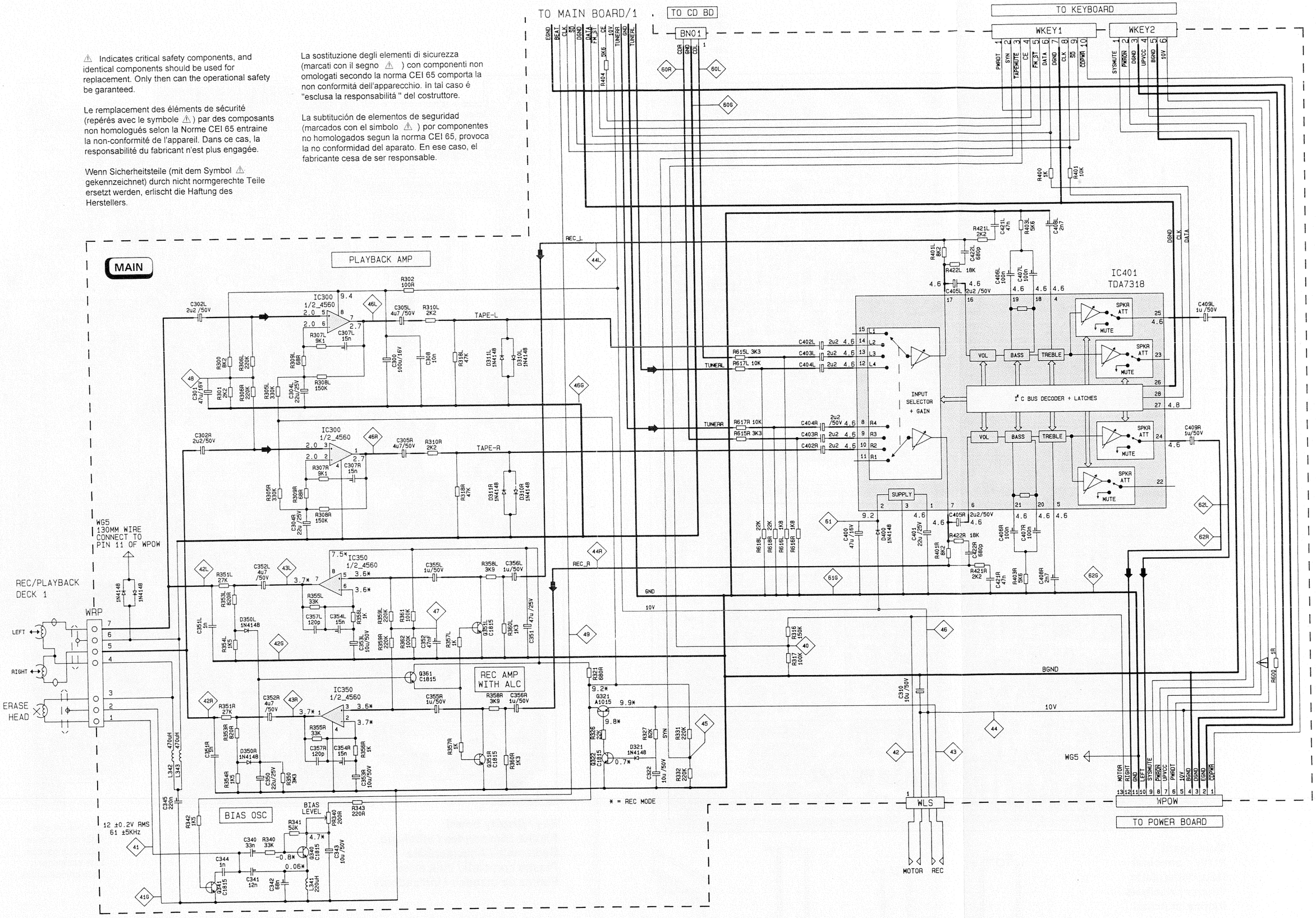
⚠ Indicates critical safety components, and identical components should be used for replacement. Only then can the operational safety be garanteed.

Le remplacement des éléments de sécurité (repérés avec le symbole ⚠ ) par des composants non homologués selon la Norme CEI 65 entraine la non-conformité de l'appareil. Dans ce cas, la responsabilité du fabricant n'est plus engagée.

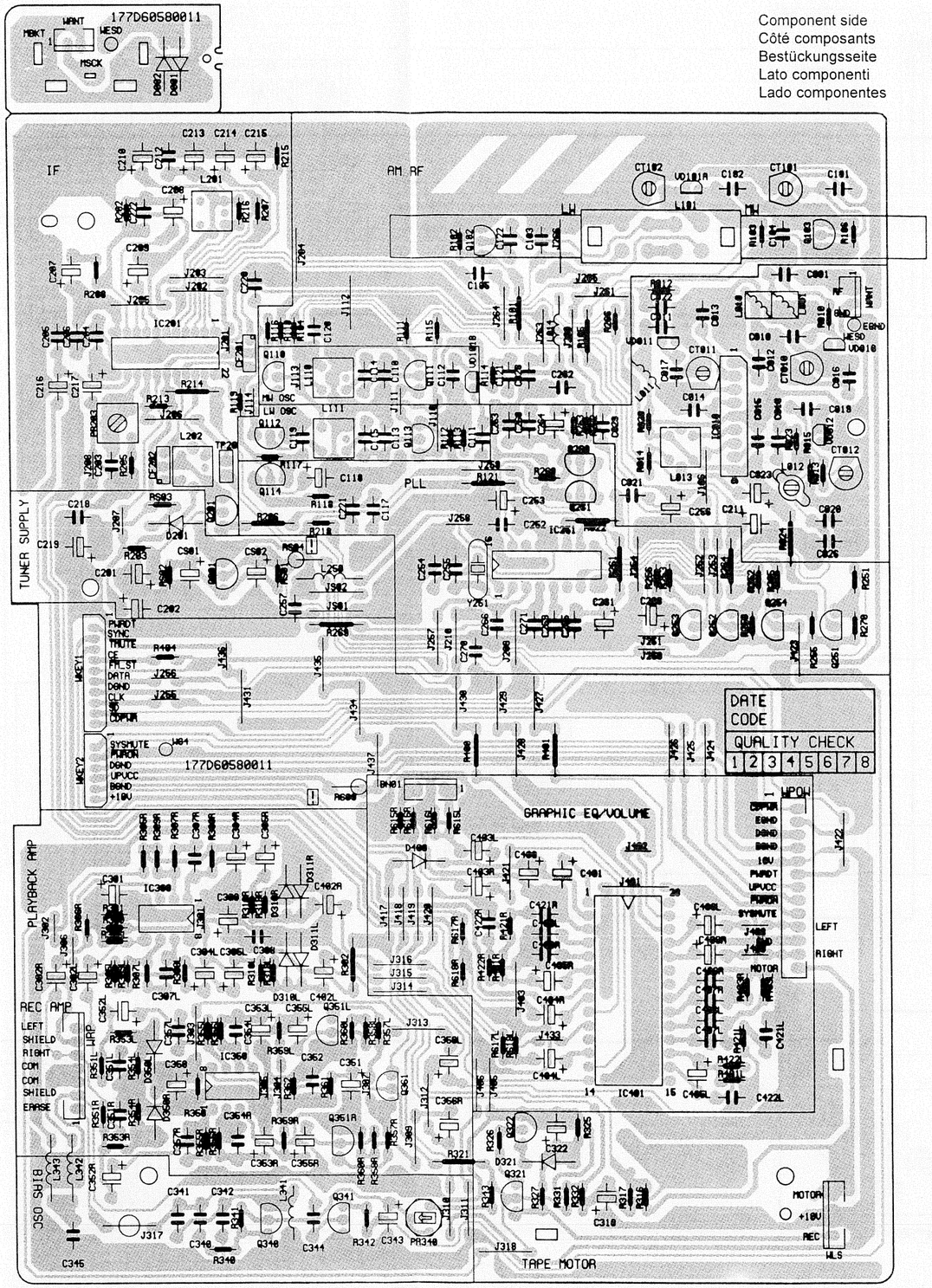
Wenn Sicherheitsteile (mit dem Symbol ⚠ gekennzeichnet) durch nicht normgerechte Teile ersetzt werden, erlischt die Haftung des Herstellers.

La sostituzione degli elementi di sicurezza (marcati con il segno ⚠ ) con componenti non omologati secondo la norma CEI 65 comporta la non conformitá dell'apparecchio. In tal caso é "esclusa la responsabilitá " del costruttore.

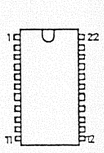
La subtitución de elementos de seguridad (marcados con el simbolo ⚠ ) por componentes no homologados segun la norma CEI 65, provoca la no conformidad del aparato. En ese caso, el fabricante cesa de ser responsable.

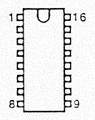


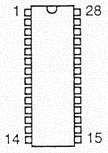
Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes

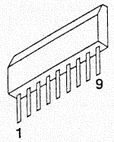



**Main board**
**Platine principal**
**Hauptleiterplatte**
**Piastra principale**
**Platina principal**

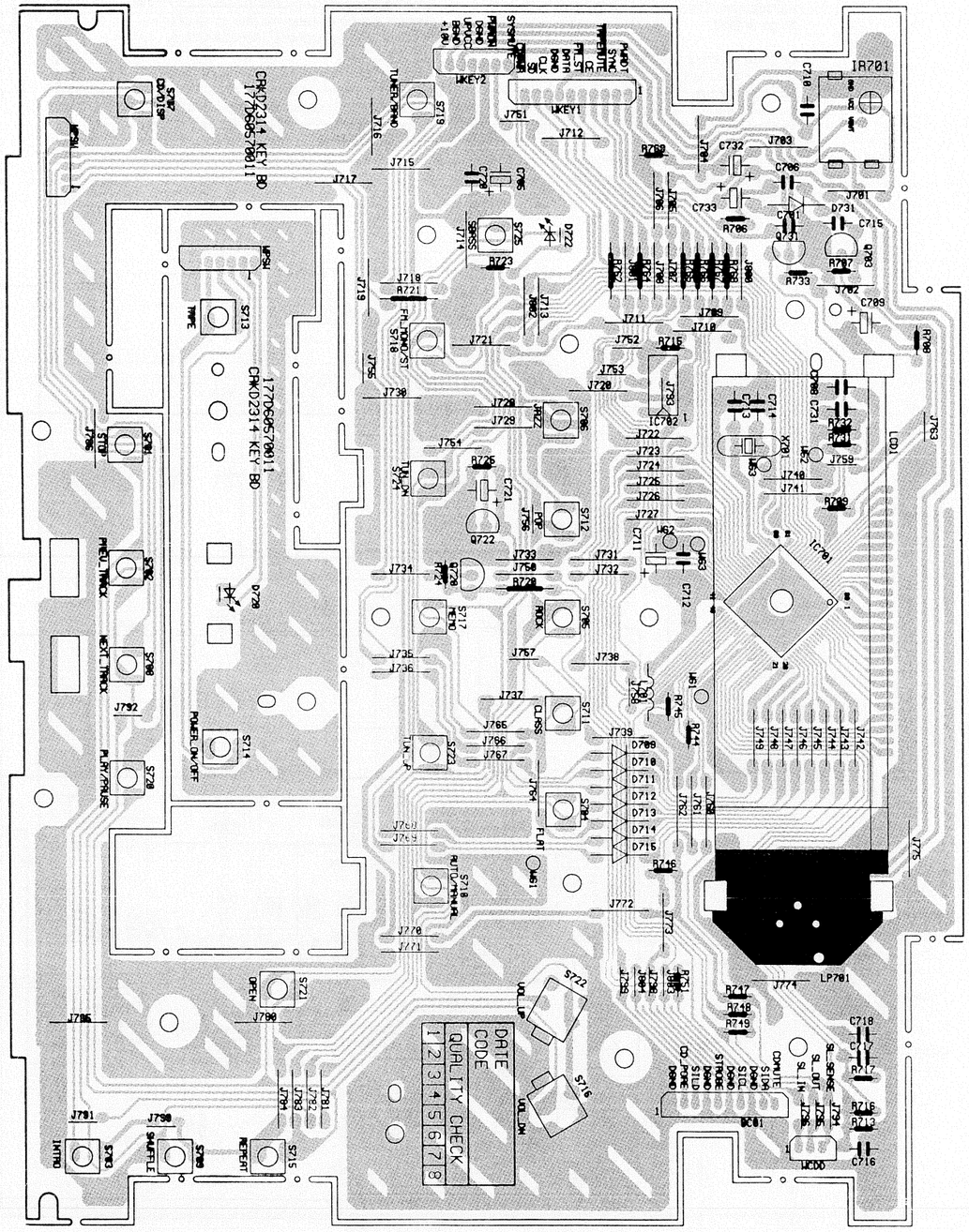

AN 7238


LM 7001


TDA 7318


TA 7358 P



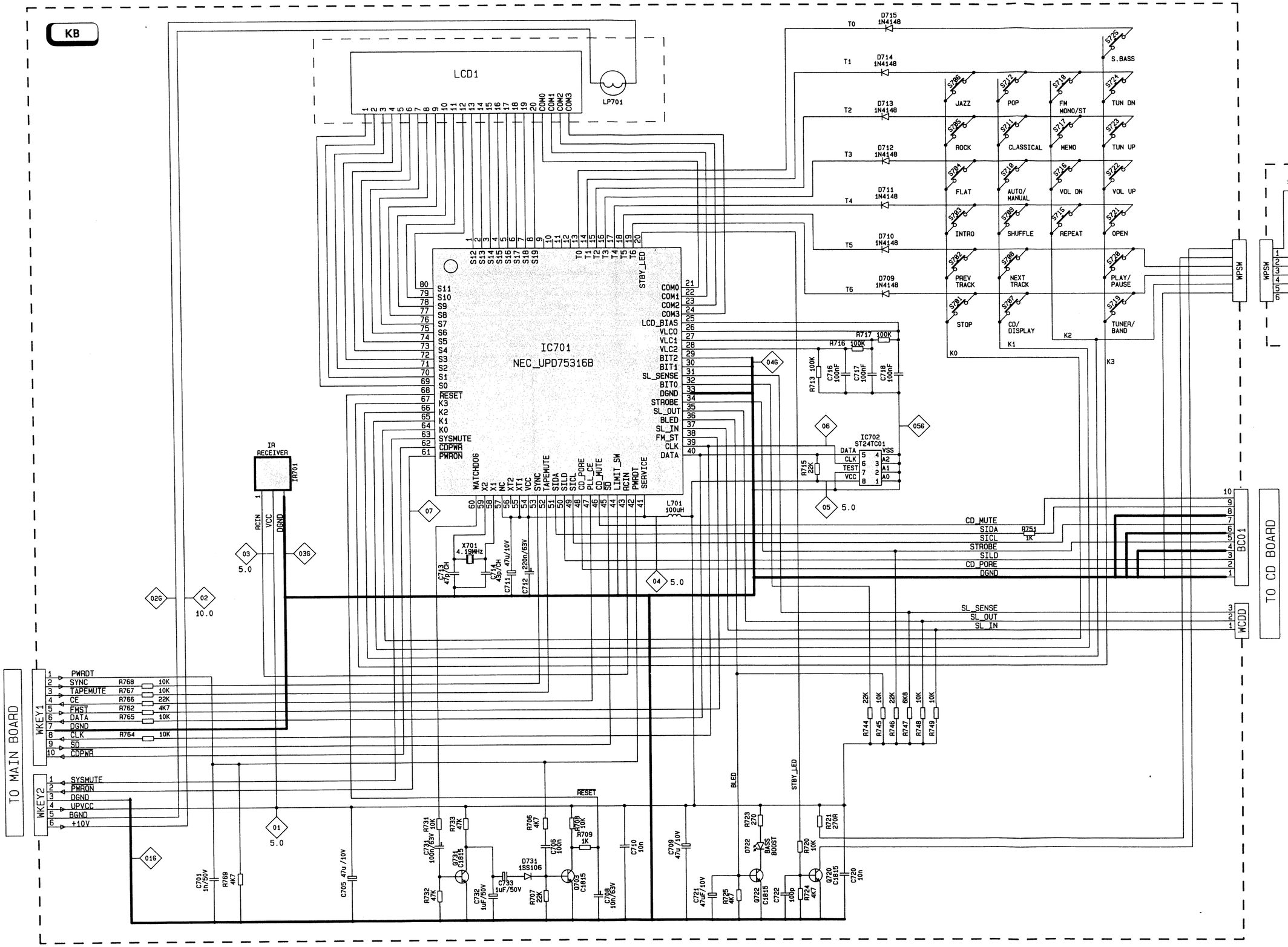



**Key / display board**
**Platine commandes / affichage**
**Bedienteil- / Anzeigeplatte**
**Piastra comandi / indicatore**
**Platina de mandos / indicadores**

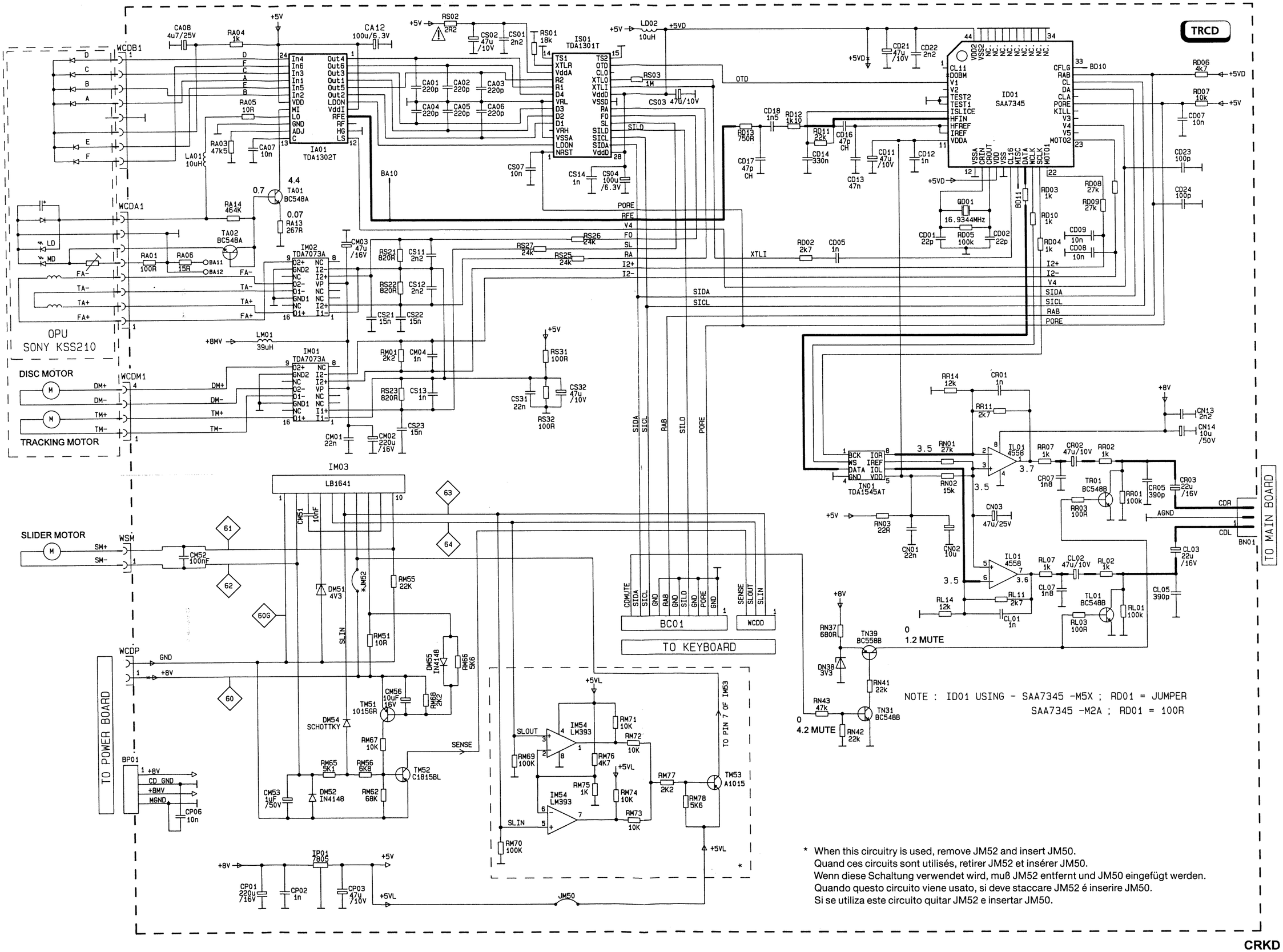
Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes

**CRKD 2314**
**First issue 12 / 94**

## Control / Display (Keyboard) - Schéma commandes / affichage - Bedienteil / LCD Anzeige - Schema comandi / indicatore - Esquema de mandos / indicadores



# Digital processing (CD board) - Traitement digital - Digitalverarbeitung - Elaborazione digitale - Tratamiento digital



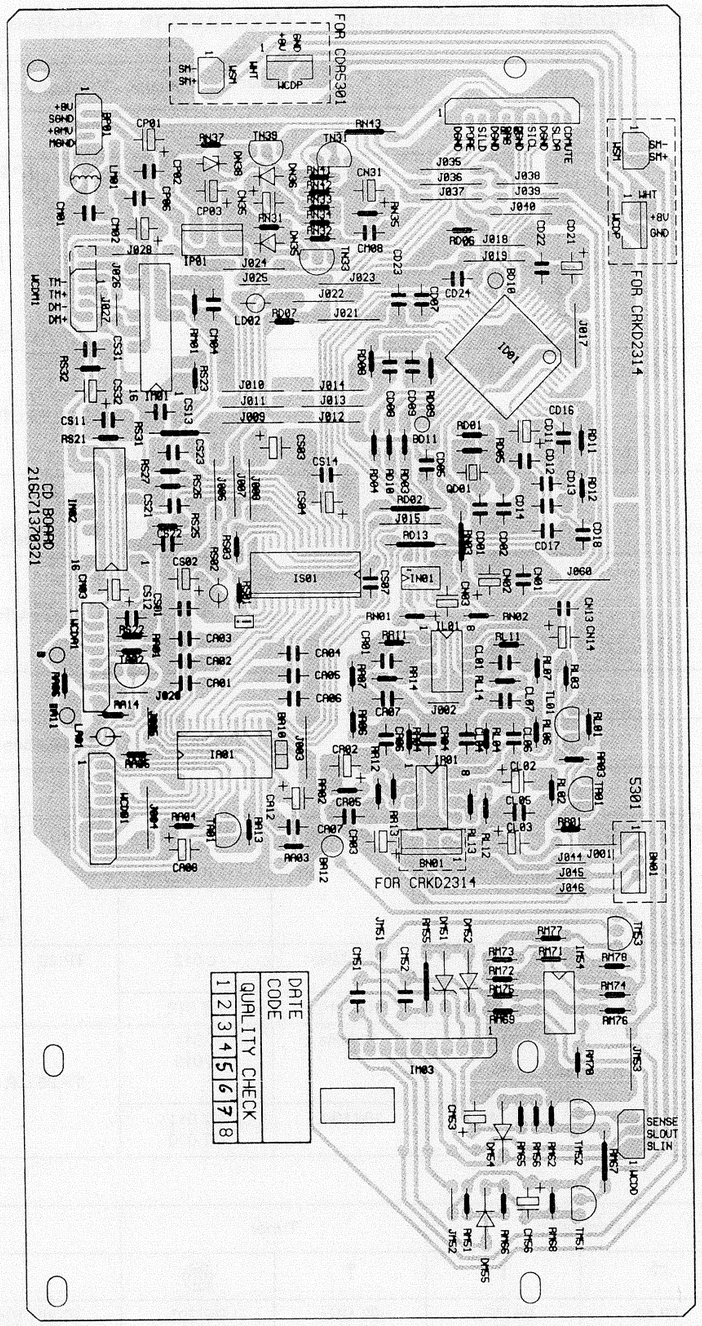

* When this circuitry is used, remove JM52 and insert JM50.
Quand ces circuits sont utilisés, retirer JM52 et insérer JM50.
Wenn diese Schaltung verwendet wird, muß JM52 entfernt und JM50 eingefügt werden.
Quando questo circuito viene usato, si deve staccare JM52 é inserire JM50.
Si se utiliza este circuito quitar JM52 e insertar JM50.

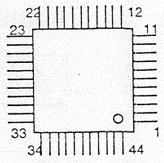




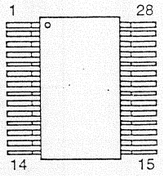
**CRKD 2314**
**First issue 12 / 94**

CD board
Platine CD
CD Platte
Piastra CD
Platina CD

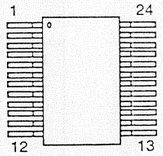


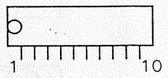

SAA 7345



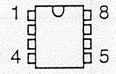

TDA 1301 T



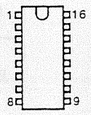

TDA 1302 T




LB 1641




BA 4558
BA 4560

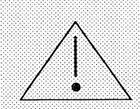



TDA 7073A

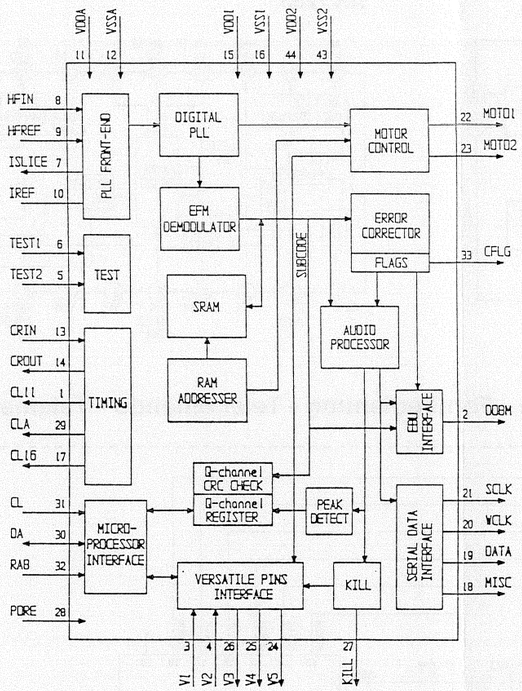
| | |
|---|---|
| **FA** | Focus actuator |
| **FO** | Focus actuator O/P |
| **LDON** | Laser drive on |
| **OTD** | Off track detector |
| **PORE** | Power on reset enable input |
| **RA** | Radial actuator O/P |
| **RAB** | Interface R/W and acknowledge input |
| **SICL** | Serial interface clock |
| **SIDA** | Serial interface data |
| **SILD** | Serial interface load |
| **SL** | Sledge O/P |
| **SL IN** | Slider in |
| **SL OUT** | Slider out |
| **TA** | Tracking actuator |

**CRKD 2314**
**First issue 12 / 94**

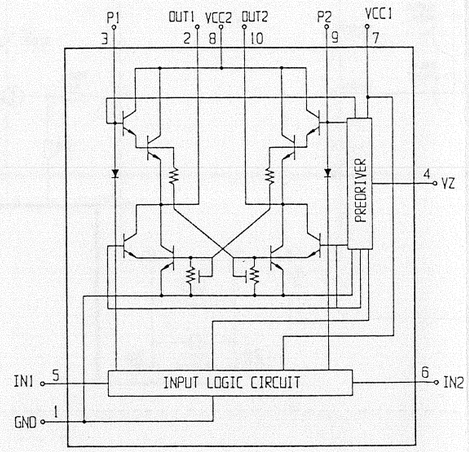


| | | |
|---|---|---|
| **DANGER:** |  | **Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.** |
| **ATTENTION:** | | **Le rayon laser est invisible. Eviter l'exposition directe lors de la maintenance.** |
| **ACHTUNG:** | | **Bei geöffneter Schublade und Defekt der Sicherheitsvorrichtungen besteht die Gefahr unsichtbaren Laserlichts. Niemals direkt in den Laserstrahl sehen.** |
| **ATTENZIONE:** | | **Il ragio laser è invisible. Evitare l'esposizione diretta durante la manutenzione.** |
| **IMPORTANTE:** | | **El rayo laser es invisible. Evitar la exposición directa en el momento del mantenimiento.** |

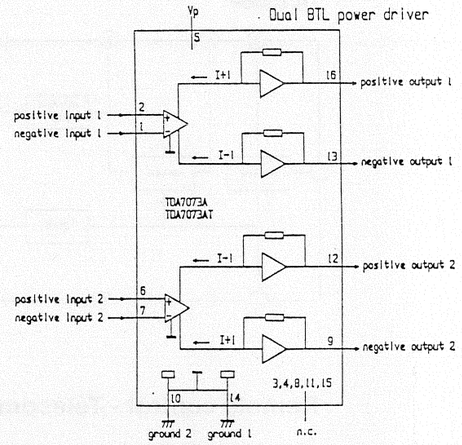
**SAA 7345**



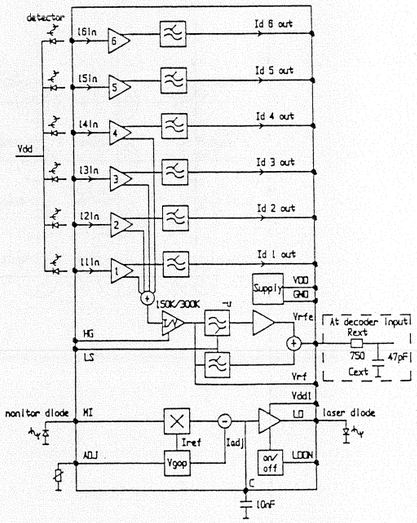

**LB 1641**



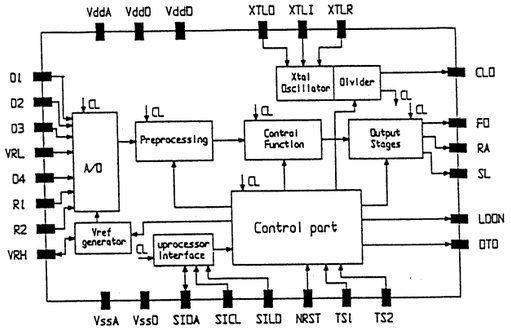

**TDA 7073A**



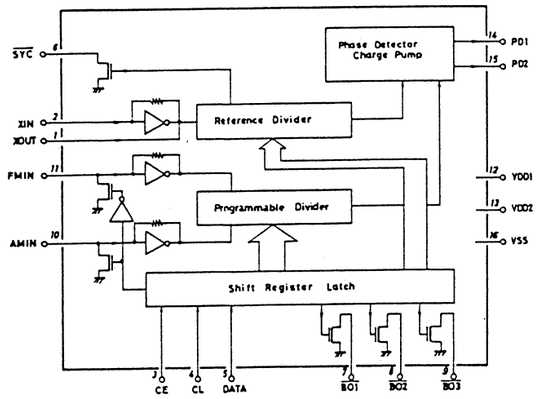

**TDA 1302T**



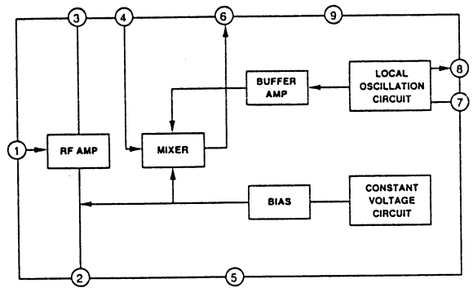
## TDA 1301T



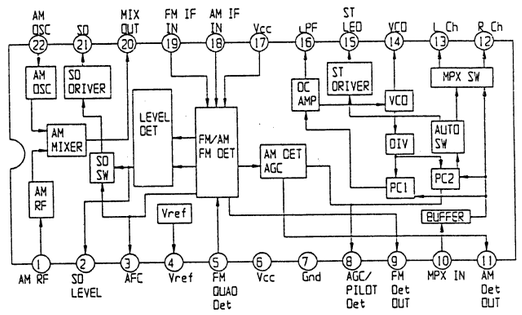

## LM 7001



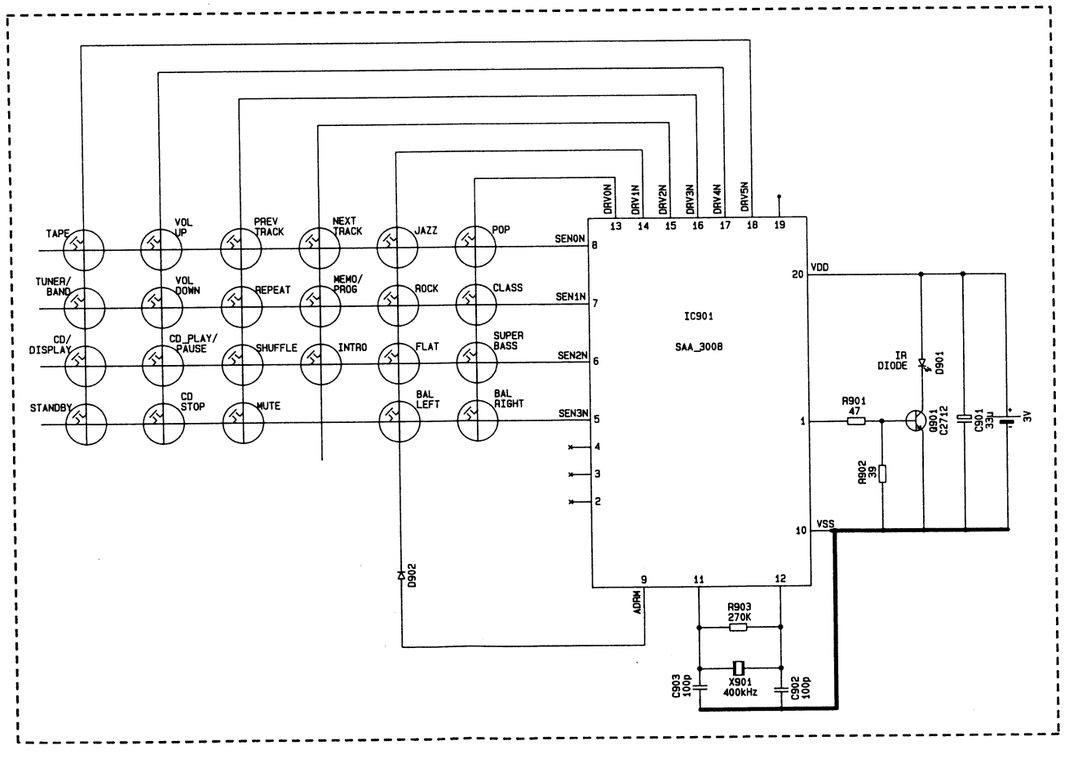

## TA 7358P




## AN 7238

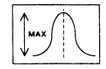
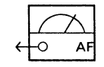
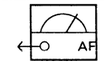


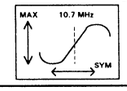
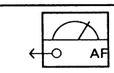

## Remote control - Télécommande - Fernbedienung - Telecomando - Telemando






## Adjustments - Réglages - Einstellungen - Regolazione - Ajustes

| AM | Generator | | Tuner | | Oscilloscope / Voltmeter | |
|---|---|---|---|---|---|---|
| | ⇨ | f | f | ◎ | ⇦ | |
| IF | | 450 kHz<br>wobbulated<br>( ⩘ < 25Hz) | MW | L 202 | **TP 25 L/R** via --\|\|-- 4u7<br>  | |
| **MW - PO**<br>Oscillator | --- | | 522 kHz | L 110 | **TP 30** 1.2 ± 0.1 V DC | |
| | | | 1620 kHz | --- | Check 7.0 - 8.5 V DC | |
| **MW - PO**<br>RF | | 621 kHz | 621 kHz | L101 MW | **TP 25 L/R**  max. | ↕ |
| | | 1404 kHz | 1404 kHz | CT 102 | | |
| **LW - GO**<br>Oscillator | --- | | 150 kHz | L 111 | **TP 30** 1.15 ± 0.15 V DC | |
| | | | 283 kHz | --- | Check 4.5 - 6.0 V DC | |
| **LW - GO**<br>RF | | 170 kHz | 170 kHz | L 101 LW | **TP 25 L/R**  max. | ↕ |
| | | 270 kHz | 270 kHz | CT 101 | | |

| FM | Generator | | Tuner | | Oscilloscope / Voltmeter | |
|---|---|---|---|---|---|---|
| | ⇨ | f | f | ◎ | ⇦ | |
| IF | **TP 11** via --\|\|-- 5 pF | 10.7 MHz<br>wobbulated | 98 MHz | L 013 (max.)<br>L 201 (sym.) | **TP 21** via --\|\|-- 4u7<br>  | |
| **Oscillator** | --- | | 87.5 MHz | L 012 | **TP 30** 1.1 ± 0.1 V DC | ↕ |
| | | | 108 MHz | CT 012 | 7.3 ± 0.3 V DC | |
| **RF** | **TP 10** | 90 MHz | 90 MHz | L 011<br>L 010 | **TP 25 L/R**  max. | ↕ |
| | | 106 MHz | 106 MHz | CT 011<br>CT 010 | | |

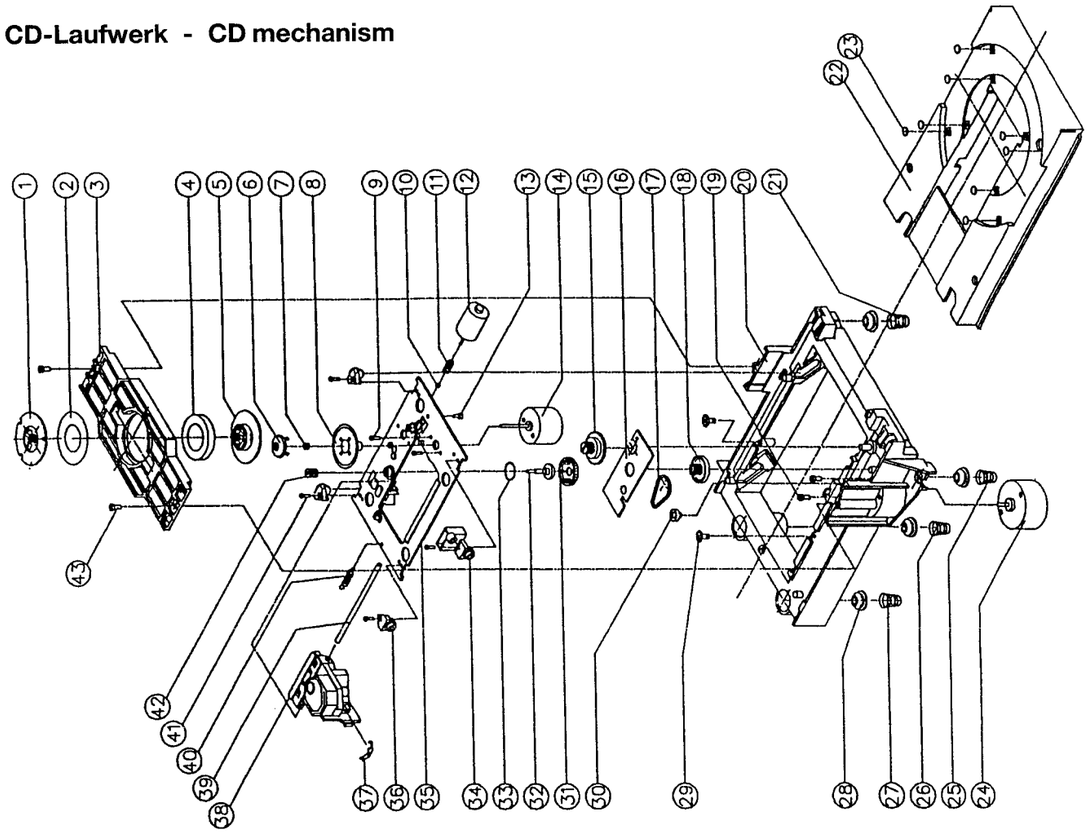
| ◎ | Generator | | Tuner | | Counter | |
|---|---|---|---|---|---|---|
| | ⇨ | f | f | ◎ | ⇦ | |
| **VCO** | **TP 10** | 98 MHz<br>no modulation | 98 MHz<br>(Stereo on) | PR 203 | **IC 201 Pin 14** via 10:1 probe<br>f = 76 kHz ± 200Hz | |

| CASSETTE | | ◎ | Voltmeter / Counter |
|---|---|---|---|
| | | | ⇦ |
| **BIAS** | RECORD MODE | PR 340 | **TP 41** 12 ± 0.2 V RMS<br>Check: f = 61 ± 5 kHz |

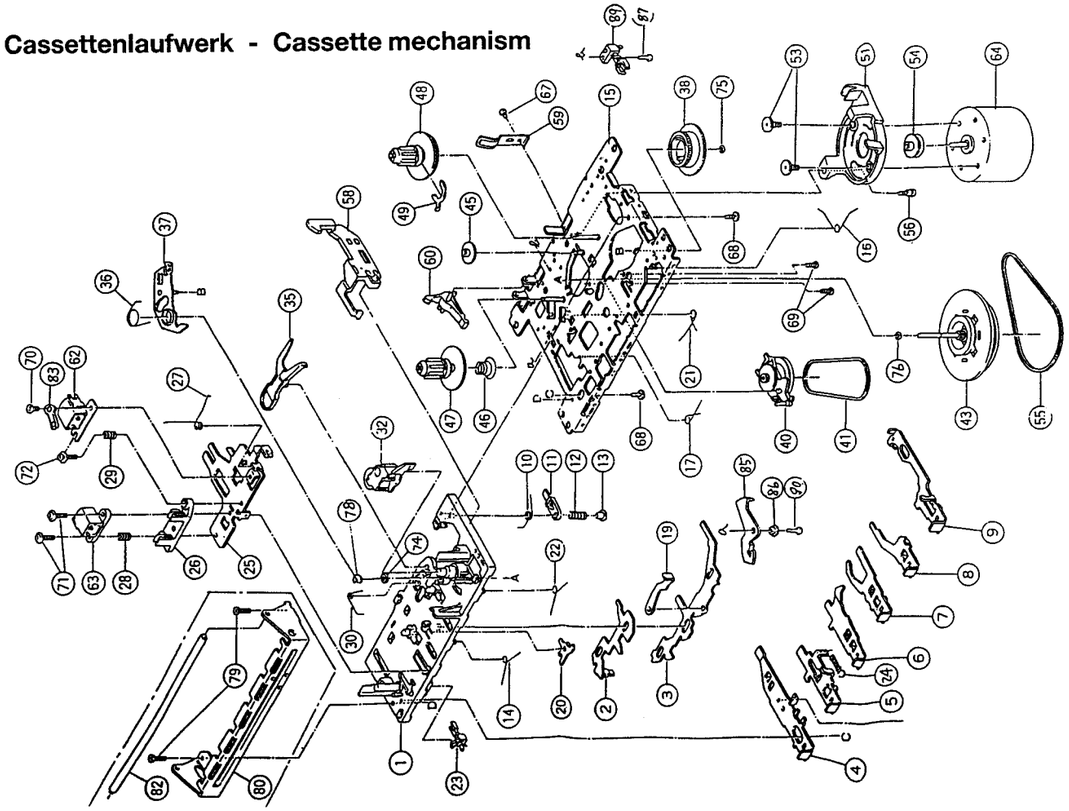


**CRKD 2314**
**First issue 12 / 94**

## CD-Laufwerk - CD mechanism



## Cassettenlaufwerk - Cassette mechanism



**CRKD 2314**
**First issue 12 / 94**



# Ersatzteile · Spare parts list · Liste de pièces de rechange · Lista parti di ricambio Lista de piezas de recambio

**Wichtig:** Bei Ersatzteilbestellungen bitte unbedingt die entsprechende Bestellnummer angeben!
**N. B.:** When demanding Spare Parts it is absolutely necessary to quote the corresponding part number!
**Important:** Lors d'une commande de pièces de rechange, prière d'indiquer et tout cas le numéro de la pièce!
**Importante:** Ordinare sempre con il numero correspondenti di codice!
**Importante:** Pedir siempre los recambios con el numero correspondiente codigo!

| Pos. | Art.-Nr. Part No. | Bezeichnung | Part |
|---|---|---|---|
| | | **MECHANISCHE TEILE:** | **MECHANICAL PARTS:** |
| | | **GEHÄUSETEILE:** | **CABINET PARTS:** |
| - | 102.094.40 | Filter, Empfänger | Filter, Receiver |
| - | 102.340.70 | Drehknopf, VOLUME | Rotary knob, volume control |
| - | 102.814.50 | Feder, VOLUME | Spring, Volume |
| - | 102.904.80 | Frontplatte | Front panel |
| - | 102.904.90 | Gehäuse, Rückteil | Cabinet, back |
| - | 102.339.90 | Linse, LCD | Lens, LCD |
| - | 102.905.10 | Lichtleiter | Light leader |
| - | 102.905.20 | Taste, POWER | Power knob |
| - | 102.905.30 | Taste, SUPERBASS | Knob, SUPERBASS |
| - | 102.906.10 | Klappe, CD | CD door |
| - | 102.906.40 | Fenster, Display | Display window |
| - | 102.905.40 | Tastenleiste, SOUND | Knob, SOUND |
| - | 102.905.60 | Tastenleiste, TUNER | Knob, TUNER |
| - | 102.905.70 | Tastenleiste, CD | Knob, CD |
| - | 102.905.80 | Tastenleiste, REP./SHUF./INTRO. | Knob, REP./SHUF./INTRO. |
| - | 102.905.90 | Tastenleiste, BAND/DISPLAY | Knob, BAND/DISPLAY |
| - | 102.906.50 | Taste, RECORD | Knob, RECORD |
| - | 102.906.60 | Taste, PLAY | Knob, PLAY |
| - | 102.906.70 | Taste, REWIND | Knob, REWIND |
| - | 102.906.80 | Taste, FAST FORWARD | Knob, FAST FORWARD |
| - | 102.906.90 | Taste, STOP/EJECT | Knob, STOP/EJECT |
| - | 102.907.10 | Taste, PAUSE | Knob, PAUSE |
| - | 102.098.60 | Drehfeder | Spring, Torsion |
| - | 102.907.20 | Cassettenklappe | Door cassette |
| - | 102.907.30 | Cassettenhalter | Holder, cassette |
| - | 102.907.40 | Filter, Cassettenklappe | Filter, door cassette |
| - | 339.807.201 | Dämpferzahnrad | Gear damper |
| - | 490.008.0946 | Fuß | Foot Rubber |
| | | **TN-21ZSC-1440, CASSETTENLAUFWERK** | **CASSETTE MECHANISM** |
| 02 | 339.705.909 | Schieber, Start | Switch Actuator |
| 03 | 339.705.910 | Rastschieber | Slide |
| 04 | 490.008.1018 | Schieber, Aufnahme | Lever, Record |
| 05 | 490.008.1019 | Schieber, Wiedergabe | Lever, Play |
| 06 | 490.008.1020 | Schieber, Rücklauf | Lever, REW |
| 07 | 490.008.1021 | Schieber, Vorlauf | Lever, FF |
| 08 | 490.008.1022 | Schieber, Stop | Lever, Stop |
| 09 | 490.008.1023 | Schieber, Pause | Lever, Pause |
| 11 | 490.007.3561 | Pausensperre | Lever, Pause |
| 12 | 339.907.901 | Druckfeder | Compression spring |
| 13 | 339.872.924 | Stophebel | Stopper |
| 14 | 339.912.902 | Druckfeder, A | Compression spring, A |
| 16 | 339.912.903 | Drehfeder | Torsion spring |
| 17 | 339.902.901 | Drehfeder | Torsion spring |
| 19 | 339.765.910 | Hebel | Lever |
| 20 | 339.872.926 | Stophebel | Stopper |
| 21 | 339.912.904 | Drehfeder | Torsion spring |
| 22 | 339.912.905 | Drehfeder | Torsion spring |
| 23 | 339.440.715 | Federschalter | Leaf switch |
| 24 | 490.005.8139 | Feder (B) | Spring |
| 25 | 490.008.1025 | Kopfträgerschlitten | Head panel |
| 26 | 490.008.1026 | Kopfträger Aufn. | Head base |
| 28 | 490.005.8145 | Feder | Spring |
| 29 | 490.005.4474 | Feder | Spring |
| 30 | 247.689 | Feder (M CONTROL) | Spring |
| 32 | 339.750.101 | Andruckrolle, kpl. | Pinch roller assy |
| 35 | 247.691 | Forkenhebel | Sensing lever |
| 36 | 339.912.908 | Feder (GEAR PLATE) | Spring |
| 37 | 339.872.929 | Zahnradplatte | Gear plate |
| 38 | 339.760.908 | Nockenzahnrad | Cam gear |
| 40 | 102.331.70 | Rutschkupplung, Kpl. | RF clutch, Assy |
| 41 | 339.730.907 | Antriebsriemen (RF) | Belt |
| 43 | 339.710.904 | Schwungrad | Flywheel |
| 45 | 339.760.909 | Zahnrad | Gear |
| 47 | 490.007.3585 | Bandteller, Abwickelseite, kpl. | Supply reel, cpl. |
| 48 | 490.007.3566 | Bandteller, Aufwickelseite, kpl. | Take up reel, cpl. |
| 49 | 339.935.908 | Fühler | Sensor |
| 54 | 490.007.3612 | Riemenscheibe | Pulley |
| 55 | 102.185.30 | Antriebsriemen, Motor | Motor belt |
| 58 | 490.008.1027 | Hebel, Eject | lever eject |
| 59 | 339.917.906 | Blattfeder | Back spring |
| 60 | 339.765.915 | Sich. Hebel | Record safety lever |
| 62 | 102.136.80 | A/W Kopf | R/P head |
| 63 | 247.569 | Löschkopf, LE15A-C1 | Erase head |
| 64 | 102.186.40 | Motor | Motor |

| Pos. | Art.-Nr. Part No. | Bezeichnung | Part |
|---|---|---|---|
| 74 | 490.006.6535 | Sicherungsring | Hood lock ring |
| 75 | 490.008.1033 | Scheibe 1,2x3,8x0,3 | Washer |
| 76 | 490.008.1035 | Scheibe 2,0x.4,x0,13 | Washer |
| 77 | 490.006.7062 | Sicherungsring | Hood lock ring |
| 80 | 339.825.764 | Rahmen | Frame |
| 82 | 253.963 | Achse für Tastensatz | Button lever shaft |
| 85 | 490.008.1032 | Aufnahmehebel | Rec. linkage suppor |
| 89 | 339.442.249 | Mikroschalter | Micro switch |
| | | **MINI CD004W, CD-LAUFWERK, KPL.** | **CD-MECHANISM, CPL.** |
| - | 102.156.60 | DAD2150, CD-LAUFWERK, KPL. | DAD2150, CD-MECHANISM, CPL. |
| 1 | 490.008.0986 | Scheibe | Disk |
| 2 | 490.008.0987 | Filzscheibe | Felt |
| 3 | 490.008.0985 | Halterung Zentrierteller | Holder puck assy |
| 4 | 490.008.0988 | Magnetring | Magnet |
| 5 | 490.008.0984 | Zentrierteller | Puck |
| 6 | 339.266.203 | Zentrierstück, CD-003M | Centering part |
| 7 | 339.906.705 | Druckfeder | Pressure spring |
| 8 | 490.008.0964 | Plattenteller | Platter Assy |
| 10 | 490.008.0971 | Stahlkugel | Steel ball |
| 11 | 102.806.30 | Schneckenrad | Worm gear |
| 12 | 339.301.705 | Motor, Tracking | Motor |
| 14 | 339.301.209 | Motor, DISC CD-003M | Motor |
| 15 | 490.008.0978 | Zahnrad | Driving wheel |
| 16 | 490.008.0975 | Abdeckung | Cover |
| 17 | 339.731.703 | Antriebsriemen | Belt |
| 18 | 490.008.0976 | Laufrad | Wheel |
| 20 | 102.203.00 | Grundchassis | Chassis |
| 21 | 490.008.0992 | Druckfeder | spring conical 3 |
| 22 | 490.008.0982 | CD Schublade | Tray CD |
| 23 | 339.871.213 | Auflagepolster | Felt disc |
| 24 | 490.008.0974 | Motor | DC Motor |
| 25 | 490.008.0991 | Druckfeder 2 | spring conical 2 |
| 26 | 490.008.0990 | Druckfeder 1 | Spring conical 1 |
| 27 | 490.008.0993 | Druckfeder | Spring conical 4 |
| 28 | 490.008.0989 | Dämpfungsgummi | Rubber absorber |
| 30 | 102.805.80 | Riemenrad 2 | Belt wheel 2 |
| 31 | 339.737.715 | Zahnrad (2) | Gear (2) |
| 32 | 490.008.0966 | Achse | Spindle |
| 34 | 490.008.0979 | Halterung 1 | Bracket 1, assy |
| 36 | 490.008.0980 | Halterung 2 | Holder 2, assy |
| 37 | 490.008.0970 | Druckfeder 1 | Compression spring 1 |
| 38 | 247.022 | KSS210 Laser Ablaster | Laser unit mechanismus assy |
| 39 | 490.008.0965 | Achse | Shaft 1 |
| 40 | 490.008.0981 | Zugfeder | Tension spring |
| 42 | 339.761.804 | Zahnrad | Gear |
| - | 102.806.20 | Feder | Spring |
| - | 339.761.805 | Zahnscheibe | Washer |
| | | **ELEKTRISCHE TEILE:** | **ELECTRICAL PARTS:** |
| | | **HAUPTLEITERPLATTE:** | **MAIN BOARD ASSEMBLY:** |
| CF201 | 102.812.20 | 10M7HZ, Keramikfilter | 10M7HZ, Ceramic filter |
| CF202 | 102.812.30 | 450KHZ, Keramikfilter | 450KHZ, Ceramic filter |
| CT010-012 | 102.809.80 | 11pF, Trimmer | 11pF, Trimmer capacitor |
| CT101,102 | 102.809.80 | 11pF, Trimmer | 11pF, Trimmer capacitor |
| D001,002 | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| D201 | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| D310L,R | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| D311L,R | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| D321 | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| D350L,R | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| D400 | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| IC010 | 276TX1464 | TA7358P, IC | TA7358P, IC |
| IC201 | 339.577.350 | AN7238, IC | AN7238, IC |
| IC251 | 246.142 | LM7001, IC | LM7001, IC |
| IC300,350 | 102.915.50 | OP AMP 4560, IC | OP AMP 4560, IC |
| IC401 | 102.104.50 | TDA7318, IC | TDA7318, IC |
| L012 | 102.812.50 | OSC FM, Spule | OSC FM, Coil |
| L013 | 102.812.60 | FM-Filter | FM-Filter |
| L101 | 102.812.70 | Ferritantenne, MW/LW | Ferrite antenne, MW/LW |
| L110 | 102.812.80 | OSC MW, Spule | OSC MW, Coil |
| L111 | 102.812.90 | OSC LW, Spule | OSC LW, Coil |
| L201 | 102.813.10 | FM DET, Spule | FM DET, Coil |
| L202 | 102.813.20 | AM IFT, Spule | AM IFT, Coil |
| M040 | 102.432.60 | Terminal | Terminal |

| Pos. | Art.-Nr. Part No. | Bezeichnung | Part |
|---|---|---|---|
| PR203 | 102.813.30 | 4k7, Trimmwiderstand | 4k7, Trimmer resistor |
| PR340 | 102.916.90 | 200R, Potentiometer | 200R, Potentiometer |
| Q001 | 248.165 | 2SC2236-Y, Transistor | 2SC2236-Y, Transistor |
| Q102,103 | 270TX0948 | 2SC1923, Transistor | 2SC1923, Transistor |
| Q110-114 | 270TX0948 | 2SC1923, Transistor | 2SC1923, Transistor |
| Q201,251 | 247.522 | A1015GR, Transistor | A1015GR, Transistor |
| Q252,254 | 247.522 | A1015GR, Transistor | A1015GR, Transistor |
| Q253 | 247.521 | C1815GR, Transistor | C1815GR, Transistor |
| Q260,261 | 247.521 | C1815GR, Transistor | C1815GR, Transistor |
| Q321 | 247.522 | A1015GR, Transistor | A1015GR, Transistor |
| Q322-361 | 247.521 | C1815GR, Transistor | C1815GR, Transistor |
| R600 | 102.810.20 S | 1R, 0,3W, Sicherheitswiderstand | 1R, 0,3W, Fusible resistor |
| VD010-012 | 102.813.40 | SVC201SP, Diode VARICAP | SVC201SP, Diode VARICAP |
| VD101 | 249.546 | KV1236Z, Diode VARICAP | KV1236Z, Diode VARICAP |
| Y251 | 102.813.50 | 7M2HZ, Quarz | 7M2HZ, Crystal |
| | | **CD3, LEITERPLATTE** | **CD3, P.C.B.** |
| DM51 | 247.228 | 4V3J, Z-Diode/ 0,5W | 4V3J, Z-Diode/ 0,5W |
| DM52,55 | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| DM54 | 490.008.1293 | D6854DMSA, Diode/schottky | D6854DMSA, Diode/schottky |
| DN38 | 339.529.794 | ZPD3,3, Z-Diode | ZPD3,3, Z-Diode |
| IA01 | 102.761.70 | TDA1302T, IC | TDA1302T, IC |
| ID01 | 102.762.00 | SAA7345GP, IC | SAA7345GP, IC |
| IL01 | 276TX2778 | BA4558, IC | BA4558, IC |
| IM01,IM02 | 102.811.90 | TDA7073A, IC | TDA7073A, IC |
| IM03 | 490.008.1581 | LB1641, IC | LB1641, IC |
| IN01 | 102.812.10 | TDA1545AT IC | TDA1545AT, IC |
| IP01 | 247.462 | L7805CV, IC | L7805CV, IC |
| IS01 | 102.762.30 | TDA1301T, IC | TDA1301T, IC |
| QD01 | 102.762.60 | 16M900Hz, Filter | 16M900Hz, Ceramic filter |
| RS02 | 101.820.80 S | 2R2 0,4W, Sicherheitswiderstand | 2R2 0,4W, Resistor Fuse |
| TA01,02 | 339.556.088 | BC548A, Transistor | BC548A, Transistor |
| TL01,TN31 | 309.001.293 | BC548B, Transistor | BC548B, Transistor |
| TM51 | 247.522 | A1015GR, Transistor | A1015GR, Transistor |
| TM52 | 490.007.6302 | 2SC1815-BL, Transistor | 2SC1815-BL, Transistor |
| TN39 | 309.001.226 | BC558B, Transistor | BC558B, Transistor |
| TR01 | 309.001.293 | BC548B, Transistor | BC548B, Transistor |
| | | **LTP., NETZTEIL:** | **P.C.B., POWER:** |
| D550,551 | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| D601-604 | 309.325.149 | BY296, Diode | BY296, Diode |
| D651-654 | 309.325.951 | 1N4001, Diode | 1N4001, Diode |
| F900 | 339.570.028 S | T1A, Sicherung | T1A, Fuse |
| F902 | 309.627.508 S | T 1,6A Sicherung | T 1,6A Fuse |
| IC500 | 102.811.50 | TDA7263, IC | TDA7263, IC |
| IC551 | 102.915.50 | OP AMP 4560, IC | OP AMP 4560, IC |
| IC609 | 309.368.458 | LM317T, IC | LM317T, IC |
| IC610 | 102.811.60 | 5V REG, IC | 5V REG, IC |
| IC652 | 309.368.458 | LM317T, IC | LM317T, IC |

| Pos. | Art.-Nr. Part No. | Bezeichnung | Part |
|---|---|---|---|
| M300 | 102.920.10 | Buchse, Kopfhörer | Headphone socket |
| M500 | 102.920.20 | Lautsp. Terminal | Push terminals, Speaker |
| Q501L,R | 248.165 | 2SC2236-Y, Transistor | 2SC2236-Y, Transistor |
| Q503,604 | 247.521 | C1815GR, Transistor | C1815GR, Transistor |
| Q605,651 | 247.521 | C1815GR, Transistor | C1815GR, Transistor |
| Q606 | 247.522 | A1015GR, Transistor | A1015GR, Transistor |
| TF01 | 102.920.40 S | Netztransformator | Power transformer |
| | | **LTP., BEDIENUNG:** | **P.C.B., OPERATION:** |
| D709-715 | 309.325.927 | 1N4148, Diode | 1N4148, Diode |
| D720 | 102.810.50 | LED | LED |
| D722 | 102.915.10 | YLW SLP480C50A, LED | YLW SLP480C50A, LED |
| D731 | 248.145 | 1SS106, Diode/schottky | 1SS106, Diode/schottky |
| IR701 | 102.810.80 | IR, Diode | IR, Diode |
| IC701 | 102.915.40 | UPD75316B, IC | UPD75316B, IC |
| IC702 | 102.105.10 | ICD-ST24C01B1, IC | ICD-ST24C01B1, IC |
| LCD1 | 102.810.90 | LCD-Anzeige | LCD |
| LP701 | 102.811.10 | 10V Lampe, Displaybeleuchtung | Display lamp |
| Q703-731 | 247.521 | C1815GR, Transistor | C1815GR, Transistor |
| S701-715 | 102.809.60 | Taktschalter | Tact switch |
| S716 | 102.811.20 | Taktschalter | Tact switch |
| S717-721 | 102.809.60 | Taktschalter | Tact switch |
| S722 | 102.811.20 | Taktschalter | Tact switch |
| S723-725 | 102.809.60 | Taktschalter | Tact switch |
| X701 | 102.242.10 | 4M190Hz, Filter | 4M190Hz, Ceramic filter |
| | | **SONSTIGE TEILE:** | **MISCELLANEOUS:** |
| **LSP.BOX** | | **Lautsprecherbox, kpl.** | **Speaker box, cpl.** |
| | 102.903.50 | Gehäuse, Vorderteil | Cabinet, front |
| | 102.903.60 | Gehäuse, Rückteil | Cabinet |
| | 102.903.80 | Lsp. Gitter | Speaker grid |
| | 102.904.10 | Lautsprecher | Speaker |
| | 490.008.0946 | Fuß | Foot Rubber |
| | | **ALLGEMEINE TEILE:** | **GENERAL PARTS:** |
| | | **ZUBEHÖR /BEIPACK:** | **ACCESSORIES:** |
| - | 102.904.70 | Lautsprecherbox, kpl. | Speaker box, cpl. |
| - | 309.695.937 S | Netzleitung | Mains cord |
| FB | 102.904.60 | RC7001, Fernbedienung | RC7001, Remote |
| | | **SERVICE-UNTERLAGEN:** | **SERVICE INFORMATIONS:** |
| BA | 102.327.60 | BA Compact 1000 CD | Instruction booklet |

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THOMSON CONSUMER ELECTRONICS

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